

I, Nicole Motzer, hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313 on July 12, 2005.

PTO-1390 (Rev. 02-2005)

Approved for use through 3/31/2007. OMB 0651-0021

EXPRESS MAIL NO.: EV604960764US

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<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>		ATTORNEY'S DOCKET NUMBER EH-10856(05-500)  U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <div style="font-size: 1.5em; font-weight: bold;">10/541927</div>
INTERNATIONAL APPLICATION NO. PCT/US2004/000814	INTERNATIONAL FILING DATE January 14, 2004	PRIORITY DATE CLAIMED January 14, 2003
TITLE OF INVENTION SHIPPING CONTAINER AND METHOD OF USING SAME		
APPLICANT(S) FOR DO/EO/US David C. Loda		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371. 3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input checked="" type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). Items 11 to 20 below concern document(s) or information included: 11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98, Form PTO-1449. 12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input checked="" type="checkbox"/> A preliminary amendment. 14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. 15. <input type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A power of attorney and/or change of address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825. 18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). 20. <input checked="" type="checkbox"/> Other items or information:		

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

U.S. APPLICATION NO. (if known, see 37 CFR 1.5) <b>10/541927</b>		INTERNATIONAL APPLICATION NO. PCT/US2004/000814		ATTORNEY'S DOCKET NUMBER EH-10856(05-500)	
The following fees have been submitted				CALCULATIONS	PTO USE ONLY
21. <input checked="" type="checkbox"/> Basic national fee..... \$300				\$ 300.00	
22. <input checked="" type="checkbox"/> Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4)..... \$100 All other situations..... \$200				\$ 200.00	
23. <input checked="" type="checkbox"/> Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority..... \$100 International Search Report prepared and provided to the Office..... \$400 All other situations..... \$500				\$ 500.00	
TOTAL OF 21, 22 and 23 =				\$ 1,000.00	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
- 100 =	/50 =		x \$250	\$	
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(h)).				\$	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$	
Total claims	44 - 20 =	24	x \$ 50	\$ 1,200.00	
Independent claims	2 - 3 =	-	x \$200	\$ 0.00	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360	\$	
TOTAL OF ABOVE CALCULATIONS =				\$ 2,200.00	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.					
SUBTOTAL =				\$ 2,200.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).				+	\$
TOTAL NATIONAL FEE =				\$ 2,200.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				+	\$ 40.00
TOTAL FEES ENCLOSED =				\$ 2,240.00	
				Amount to be refunded:	\$
				Amount to be charged:	\$
a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed. b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <u>21-0279</u> in the amount of \$ <u>2,240.00</u> to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>21-0279</u> . A duplicate copy of this sheet is enclosed. d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.					
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.					
SEND ALL CORRESPONDENCE TO: Barry L. Kelmachter BACHMAN & LaPOINTE, P.C. 900 Chapel Street, Suite 1201 New Haven, CT 06510 Tel.: (203) 777-6628 Fax: (203) 865-0297 Email: docket@bachlap.com					
				SIGNATURE	
				Barry L. Kelmachter	
				NAME	
				29,999	
				REGISTRATION NUMBER	

10/541927

JC14 Rec'd PCT/PTO 12 JUL 2005


TRANSMITTAL LETTER TO THE  
UNITED STATES RECEIVING OFFICE

Date	14 January 2004
International Application No.	
Attorney Docket No.	30757/39814

## I. Certificate under 37 CFR 1.10 (if applicable)

EV323764146	January 14, 2004
Express Mail mailing number	Date of Deposit

I hereby certify that the application/correspondence attached hereto is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the day indicated above and is addressed to MS PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

	Richard Zimmermann
Signature of person mailing correspondence	Typed or printed name of person mailing correspondence

II. ☒ New International Application

TITLE	SHIPPING CONTAINER AND METHOD OF USING SAME	Earliest priority date (Day/Month/Year)
		14 January 2003

**SCREENING DISCLOSURE INFORMATION:** In order to assist in screening the accompanying international application for purposes of determining whether a license for foreign transmittal should and could be granted and for other purposes, the following information is supplied. (Note: check as many boxes as apply):

- A. ☐ The invention disclosed was not made in the United States.
- B. ☐ There is no prior U.S. application relating to this invention.
- C. ☒ The following prior U.S. application(s) contain subject matter which is related to the invention disclosed in the attached international application. (NOTE: priority to these applications may or may not be claimed on form PCT/RO/101 (Request) and this listing does not constitute a claim for priority.)

application no.	60/337,926	filed on	03 December 2001
application no.	10/155,593	filed on	22 May 2002
application no.	60/319,868	filed on	14 January 2003
application no.	60/320,004	filed on	12 March 2003
application no.		filed on	

- D. ☒ The present international application ☒ contains additional subject matter not found in the prior U.S. application(s) identified in paragraph C. above. The additional subject matter is found on pages  and ☒ DOES NOT ALTER ☐ MIGHT BE CONSIDERED TO ALTER the general nature of the invention in a manner which would require the U.S. application to have been made available for inspection by the appropriate defense agencies under 35 U.S.C. 181 and 37 CFR 5.1. See 37 CFR 5.15.

III. ☐ A Response to an Invitation from the RO/US. The following document(s) is(are) enclosed:

- A. ☐ A Request for An Extension of Time to File a Response
- B. ☐ A Power of Attorney (General or Regular)
- C. ☐ Replacement Pages

pages		of the request PCT/RO/101)	pages		of the figures
pages		of the description	pages		of the abstract
pages		of the claims			

- D. ☐ Submission of Priority Documents

Priority document

Priority document

- E. ☐ Fees as specified on attached Fee Calculation sheet form PCT/RO/101 annex

IV. ☐ A Request for Rectification under PCT Rule 91 ☐ A Petition ☐ A Sequence Listing DisketteV. ☐ Other (please specify):

The person signing this form is the:	<input type="checkbox"/> Applicant	Thomas A. Miller
	<input checked="" type="checkbox"/> Attorney/Agent Reg. No. 40,091	Typed name of signer
	<input type="checkbox"/> Common Representative	Signature

<h1 style="margin: 0;">PCT</h1> <h2 style="margin: 0;">REQUEST</h2> <p style="margin: 10px 0;">The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty.</p>	<p style="text-align: center; margin: 0;">For receiving Office use only</p> <div style="border: 1px solid black; padding: 2px; margin-bottom: 2px;">International Application No.</div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 2px;">International Filing Date</div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 2px;">Name of receiving Office and "PCT International Application"</div> <div style="border: 1px solid black; padding: 2px;"> Applicant's or agent's file reference  <i>(if desired) (12 characters maximum)</i> <span style="float: right;">30757/39814</span> </div>
<b>Box No. I      TITLE OF INVENTION</b>  SHIPPING CONTAINER AND METHOD OF USING SAME	
<b>Box No. II      APPLICANT</b> <div style="float: right;"><input type="checkbox"/> This person is also inventor.</div>	
Name and address: <i>(Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)</i>  UNITED TECHNOLOGIES CORPORATION One Financial Plaza Hartford, Connecticut 06103-2608 United States of America	<div style="border: 1px solid black; padding: 2px; margin-bottom: 2px;">Telephone No.</div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 2px;">Facsimile No.</div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 2px;">Teleprinter No.</div> <div style="border: 1px solid black; padding: 2px;">Applicant's registration No. with the Office</div>
State <i>(that is, country)</i> of nationality: <div style="text-align: center;">US</div>	State <i>(that is, country)</i> of residence: <div style="text-align: center;">US</div>
This person is applicant for the purposes of: <div style="display: inline-block; vertical-align: top; margin-right: 10px;"> <input type="checkbox"/> all designated States </div> <div style="display: inline-block; vertical-align: top; margin-right: 10px;"> <input checked="" type="checkbox"/> all designated States except the United States of America </div> <div style="display: inline-block; vertical-align: top; margin-right: 10px;"> <input type="checkbox"/> the United States of America only </div> <div style="display: inline-block; vertical-align: top;"> <input type="checkbox"/> the States indicated in the Supplemental Box </div>	
<b>Box No. III      FURTHER APPLICANT(S) AND/OR (FURTHER) INVENTOR(S)</b>	
Name and address: <i>(Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)</i>  LODA, David C. 234 Hebron Road Bolton, Connecticut 06043-7831 United States of America	<div style="border: 1px solid black; padding: 2px; margin-bottom: 2px;">This person is:</div> <div style="display: flex; flex-direction: column; gap: 5px;"> <div><input type="checkbox"/> applicant only</div> <div><input checked="" type="checkbox"/> applicant and inventor</div> <div><input type="checkbox"/> inventor only <i>(If this check-box is marked, do not fill in below.)</i></div> </div> <div style="border: 1px solid black; padding: 2px; margin-top: 2px;">Applicant's registration No. with the Office</div>
State <i>(that is, country)</i> of nationality: <div style="text-align: center;">US</div>	State <i>(that is, country)</i> of residence: <div style="text-align: center;">US</div>
This person is applicant for the purposes of: <div style="display: inline-block; vertical-align: top; margin-right: 10px;"> <input type="checkbox"/> all designated States </div> <div style="display: inline-block; vertical-align: top; margin-right: 10px;"> <input type="checkbox"/> all designated States except the United States of America </div> <div style="display: inline-block; vertical-align: top; margin-right: 10px;"> <input checked="" type="checkbox"/> the United States of America only </div> <div style="display: inline-block; vertical-align: top;"> <input type="checkbox"/> the States indicated in the Supplemental Box </div>	
<input type="checkbox"/> Further applicants and/or (further) inventors are indicated on a continuation sheet.	
<b>Box No. IV      AGENT OR COMMON REPRESENTATIVE; OR ADDRESS FOR CORRESPONDENCE</b>	
The person identified below is hereby/has been appointed to act on behalf of the applicant(s) before the competent International Authorities as: <div style="float: right; margin-left: 20px;"> <input checked="" type="checkbox"/> agent <input type="checkbox"/> common representative </div>	
Name and address: <i>(Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)</i>  MILLER, Thomas A. Marshall, Gerstein & Borun LLP 6300 Sears Tower 233 S. Wacker Drive Chicago, Illinois 60606 United States of America	<div style="border: 1px solid black; padding: 2px; margin-bottom: 2px;">Telephone No. 312-474-6300</div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 2px;">Facsimile No. 312-474-0448</div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 2px;">Teleprinter No.</div> <div style="border: 1px solid black; padding: 2px;">Agent's registration No. with the Office 40,091</div>
<input type="checkbox"/> Address for correspondence: Mark this check-box where no agent or common representative is/has been appointed and the space above is used instead to indicate a special address to which correspondence should be sent.	

**Box No. V DESIGNATIONS**

The filing of this request constitutes under Rule 4.9(a), the designation of all Contracting States bound by the PCT on the international filing date, for the grant of every kind of protection available and, where applicable, for the grant of both regional and national patents.

However,

☐ DE Germany is not designated for any kind of national protection.

☐ KR Republic of Korea is not designated for any kind of national protection.

☐ RU Russian Federation is not designated for any kind of national protection.

*(The check-boxes above may be used to exclude (irrevocably) the designations concerned in order to avoid the ceasing of the effect, under the national law, of an earlier national application from which priority is claimed. See the Notes to Box No. V as to the consequences of such national law provisions in these and certain other States.)*

**Box No. VI PRIORITY CLAIM**

The priority of the following earlier application(s) is hereby claimed:

Filing date of earlier application (day/month/year)	Number of earlier application	Where earlier application is:		
		national application: country or Member of WTO	regional application:* regional Office	international application receiving Office
item (1) 14 January 2003 (14.01.03)	60/319,868	US		
item (2) 12 March 2003 (12.03.03)	60/320,004	US		
item (3)				

☐ Further priority claims are indicated in the Supplemental Box.

The receiving Office is requested to prepare and transmit to the International Bureau a certified copy of the earlier application(s) (only if the earlier application was filed with the Office which for the purposes of this international application is the receiving Office) identified above as:

☒ all items ☐ item (1) ☐ item (2) ☐ item (3) ☐ other, see Supplemental Box

\* Where the earlier application is an ARIPO application, indicate at least one country party to the Paris Convention for the Protection of Industrial Property or one Member of the World Trade Organization for which that earlier application was filed (Rule 4.10(b)(ii)):

**Box No. VII INTERNATIONAL SEARCHING AUTHORITY**

Choice of International Searching Authority (ISA) (if two or more International Searching Authorities are competent to carry out the international search, indicate the Authority chosen; the two-letter code may be used):

ISA/ EP

Request to use results of earlier search; reference to that search (if an earlier search has been carried out by or requested from the International Searching Authority):

Date (day/month/year)

Number

Country (or regional Office)

**Box No. VIII DECLARATIONS**

The following declarations are contained in Boxes Nos. VIII (i) to (v) (mark the applicable check-boxes below and indicate in the right column the number of each type of declaration):

Number of  
declarations

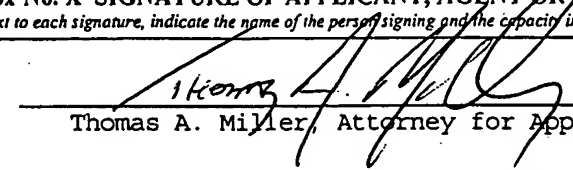
- |   |  |   |
|---|--|---|
| <input type="checkbox"/> Box No. VIII (i)   | Declaration as to the identity of the inventor   | : |
| <input type="checkbox"/> Box No. VIII (ii)  | Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent             | : |
| <input type="checkbox"/> Box No. VIII (iii) | Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application | : |
| <input type="checkbox"/> Box No. VIII (iv)  | Declaration of inventorship (only for the purposes of the designation of the United States of America)                               | : |
| <input type="checkbox"/> Box No. VIII (v)   | Declaration as to non-prejudicial disclosures or exceptions to lack of novelty   | : |

**Box No. IX CHECK LIST; LANGUAGE OF FILING**

This international application contains:	This international application is accompanied by the following item(s) (mark the applicable check-boxes below and indicate in right column the number of each item):	Number of items
(a) in paper form, the following number of sheets:	1. <input checked="" type="checkbox"/> fee calculation sheet	:
request (including declaration sheets) : 3	2. <input type="checkbox"/> original separate power of attorney	:
description (excluding sequence listings and/or tables related thereto) : 17	3. <input type="checkbox"/> original general power of attorney	:
claims : 8	4. <input type="checkbox"/> copy of general power of attorney; reference number, if any:	:
abstract : 1	5. <input type="checkbox"/> statement explaining lack of signature	:
drawings : 7	6. <input type="checkbox"/> priority document(s) identified in Box No. VI as item(s):	:
Sub-total number of sheets : 36	7. <input type="checkbox"/> translation of international application into (language):	:
sequence listings :	8. <input type="checkbox"/> separate indications concerning deposited microorganisms or other biological material	:
tables related thereto :	9. <input type="checkbox"/> sequence listing in computer readable form (indicate type and number of carriers)	:
(for both, actual number of sheets if filed in paper form, whether or not also filed in computer readable form; see (c) below)	(i) <input type="checkbox"/> copy submitted for the purposes of international search under Rule 13ter only (and not as part of the international application)	:
Total number of sheets :	(ii) <input type="checkbox"/> (only where check-box (b)(i) or (c)(i) is marked in left column) additional copies including, where applicable, the copy for the purposes of international search under Rule 13ter	:
(b) <input type="checkbox"/> only in computer readable form (Section 801(a)(i))	(iii) <input type="checkbox"/> together with relevant statement as to the identity of the copy or copies with the sequence listings part mentioned in left column	:
(i) <input type="checkbox"/> sequence listings	10. tables in computer readable form related to sequence listing (indicate type and number of carriers)	:
(ii) <input type="checkbox"/> tables related thereto	(i) <input type="checkbox"/> copy submitted for the purposes of international search under Section 802 (b-quarter) only (and not as part of the international application)	:
(c) <input type="checkbox"/> also in computer readable form (Section 801(a)(ii))	(ii) <input type="checkbox"/> (only where check-box (b)(ii) or (c)(ii) is marked in left column) additional copies including, where applicable, the copy for the purposes of international search under Section 802 (b-quarter)	:
(i) <input type="checkbox"/> sequence listings	(iii) <input type="checkbox"/> together with relevant statement as to the identity of the copy or copies with the tables mentioned in left column	:
(ii) <input type="checkbox"/> tables related thereto	11. other (specify): postcard	:
Type and number of carriers (diskette, CD-ROM, CD-R or other) on which are contained the		
<input type="checkbox"/> sequence listing:		
<input type="checkbox"/> tables related thereto:		
(additional copies to be indicated under items 9(ii) and/or 10(ii), in right column)		
Figure of the drawings which should accompany the abstract:	Language of filing of the international application:	

**Box No. X SIGNATURE OF APPLICANT, AGENT OR COMMON REPRESENTATIVE**

Next to each signature, indicate the name of the person signing and the capacity in which the person signs (if such capacity is not obvious from reading the request).


  
 Thomas A. Miller, Attorney for Applicants

For receiving Office use only		For International Bureau use only	
1. Date of actual receipt of the purported international application:		2. Drawings:	
3. Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application:		<input type="checkbox"/> received:	
4. Date of timely receipt of the required corrections under PCT Article 11(2):		<input type="checkbox"/> not received:	
5. International Searching Authority (if two or more are competent): ISA /		6. <input type="checkbox"/> Transmittal of search copy delayed until search fee is paid.	
Date of receipt of the record copy by the International Bureau:			